

What is claimed is:

1. An apparatus for killing insects, comprising:
a container having a sidewall and having a bottom that includes at least a portion that is sloped relative to the horizontal when the container is upright; and
a directing member within the container and positioned above the bottom, the directing member having at least a portion that is non-horizontal and defining an opening above the sloped portion of the bottom, wherein the bottom, directing member, and sidewall define a chamber that traps insect larvae.
2. The apparatus for killing insects of claim 1, wherein the sloped portion comprises a protrusion.
3. The apparatus of claim 2, wherein the protrusion is conical.
4. The apparatus of claim 1, wherein the sloped portion of the bottom is a substantially planar surface.
5. The apparatus of claim 1, wherein the sloped portion of the bottom is concave.
6. The apparatus of claim 1, wherein the sloped portion of the bottom is parabolic.
7. The apparatus of claim 1, further comprising water within the container, wherein the water fills the container to a level above the opening to at least partially fill the chamber.

8. An apparatus for killing insects, comprising:
 - a container having a bottom;
 - a protrusion on the bottom of the container and having a slope relative to horizontal; and
 - a directing member positioned within the container above the protrusion and having at least a non-horizontal portion, the directing member defining an opening above the protrusion and wherein the protrusion, the directing member, and the container define a chamber.
9. The apparatus of claim 8, wherein the opening is a hole defined by the directing member.
10. The apparatus of claim 9, wherein the directing member is funnel-shaped in cross-section.
11. The apparatus of claim 8, wherein the bottom of the container is concave and the protrusion is positioned on the apex of the bottom.
12. The apparatus of claim 9, wherein the protrusion has an inverted cone shape and wherein a tip of the inverted cone shape is positioned directly under the opening when the container is upright.
13. The apparatus of claim 8, further comprising a liquid within the container, wherein the liquid fills the container to a point above the opening to thereby at least partially fill the chamber.
14. The apparatus of claim 13, wherein the liquid is water.
15. The apparatus of claim 14, wherein the water contains oviposition material.

16. The apparatus of claim 8, further comprising a barrier located within the container abutting an underside of the directing member above its opening, wherein the chamber is further defined by the barrier.
17. The apparatus of claim 16, further comprising a liquid within the container, wherein the liquid fills the container to a point above the opening and above the barrier to completely fill the chamber.
18. The apparatus of claim 17, wherein the liquid is water.
19. The apparatus of claim 17, wherein the water contains oviposition material.
20. The apparatus of claim 18, further comprising ventilation holes in the directing member and in the barrier.
21. The apparatus of claim 8, wherein the slope of the protrusion comprises a first slope of a first portion of the protrusion and a second slope of a second portion of the protrusion, wherein the first slope is greater than the second slope.
22. The apparatus of claim 21, wherein the bottom of the container has a slope that is less than the second slope of the protrusion.
23. The apparatus of claim 8, wherein the directing member has color that absorbs substantially all visible light.
24. The apparatus of claim 23, wherein the directing member is black.
25. The apparatus of claim 8, wherein the protrusion is integral to the bottom of the container.

26. A method of killing insects with a container that includes a sidewall, a bottom that has at least a portion that is sloped relative to the horizontal when the container is upright, and a directing member positioned above the bottom that has at least a portion that is non-horizontal and that defines an opening above the sloped portion of the bottom, wherein the bottom, directing member, and sidewall define a chamber that traps insect larvae, the method comprising:

placing liquid in the container until its surface level is above the opening and at least partially fills the chamber;

positioning the container such that insect eggs are laid on the liquid surface and the insect eggs hatch into larvae;

guiding the larvae to drop from the liquid surface down along the directing member and out of its opening; and

after the larvae pass through the opening, guiding the larvae to further move along the sloped portion of the bottom away from the opening and into the chamber.

27. The method of killing insects of claim 26, wherein upon guiding the larvae to move along the sloped portion and into the chamber, the larvae mature into adult insects, and the method further comprises:

trapping the adult insects on the surface of the water within the chamber.

28. The method of killing insects of claim 26, wherein the container further includes a barrier located within the container that abuts an underside of the directing member above its opening and abuts the container to further define the chamber, and wherein placing water in the container further comprises

filling the container with liquid until the liquid level is at least above the barrier to completely fill the chamber.

29. The method of killing insects of claim 26, wherein upon guiding the larvae to move along the slope and into the chamber, blocking the larvae from returning to a surface of the liquid with the barrier.

30. An apparatus for killing insects, comprising:
 - a container;
 - an inverted cone located within the container;
 - a funnel positioned within the container, the funnel defining an opening located above the inverted cone when the container is upright; and
 - a barrier having a first edge abutting the underside of the funnel and having a second edge abutting a surface of the container, wherein at least the funnel, the container, and the barrier define a chamber.
31. The apparatus of claim 30, further comprising water that fills the container to a level above the opening to partially fill the chamber.
32. The apparatus of claim 31, wherein the water fills the container to a level above the barrier to completely fill the chamber.
33. The apparatus of claim 31, wherein the water contains oviposition material.
34. The apparatus of claim 30, further comprising ventilation holes in the funnel and the barrier.
35. The apparatus of claim 30, wherein the funnel is black.

36. An apparatus for killing insects, comprising:
a container having a top, bottom and sidewall, wherein the bottom includes a protrusion substantially at its center; and
a funnel disposed within the container and extending from the top of the container to adjacent the protrusion, at which point the funnel defines an opening.
37. The apparatus of claim 36, wherein the bottom of the container is concave and the protrusion is located at its apex.
38. The apparatus of claim 36, wherein the protrusion has a top that is conical.
39. The apparatus of claim 36, wherein the funnel is a dark color and the container is transparent.
40. The apparatus of claim 36, further comprising a barrier disposed intermediate the sidewall of the container and the funnel so as to circumscribe the funnel, the barrier positioned above the opening of the funnel and the top of the container.
41. The apparatus of claim 40, wherein the protrusion, sidewall, and bottom of the container, the funnel, and the barrier define a chamber.
42. The apparatus of claim 41, further comprising water that fills the container to a level at least above the opening of the funnel.
43. The apparatus of claim 42, wherein the level of the water is above the barrier.

44. An apparatus for killing insects, comprising:
a container having a sidewall and a bottom;
a protrusion disposed within the container on its bottom;
a funnel-shaped member disposed within the container, the funnel-shaped member having a top connected to the sidewall of the container and a bottom defining an opening which is adjacent and in registry with the protrusion; and
a barrier disposed within the container that circumscribes the funnel-shaped member and extends to the sidewall of the container, wherein the barrier is positioned intermediate to the opening and the top of the funnel.
45. The apparatus of claim 44, wherein the bottom of the container is concave and the protrusion is located at its apex.
46. The apparatus of claim 44, wherein the protrusion has a top that is conical.
47. The apparatus of claim 44, wherein the funnel is a dark color and the container is transparent.
48. The apparatus of claim 44, wherein the sidewall and bottom of the container, the protrusion, the funnel, and the barrier define a chamber.
49. The apparatus of claim 44, further comprising water that fills the container to a level at least above the opening of the funnel.
50. The apparatus of claim 49, wherein the level of the water is above the barrier.

51. An apparatus for killing insects, comprising:
a container having a sidewall and having a bottom;
a directing member within the container and positioned above the bottom, the directing member having at least a portion that is non-horizontal and defining an opening above the bottom, wherein the bottom, directing member, and sidewall define a chamber that traps insect larvae; and
liquid filling the container to a point at least above the opening defined by the directing member to at least partially fill the chamber.
52. The apparatus of claim 51, wherein the directing member is opaque and the container is translucent.
53. The apparatus of claim 51, further comprising:
a barrier contacting the directing member and the sidewall and that is intermediate to the opening of the directing member and the top of the container.
54. The apparatus of claim 51, wherein the bottom is sloped relative to horizontal when the container is upright.

55. An apparatus for killing insects, comprising:
a container having a translucent sidewall and having a bottom; and
an opaque directing member within the container and positioned above the bottom, the directing member having at least a portion that is non-horizontal and defining an opening above the bottom, wherein the bottom, directing member, and sidewall define a chamber that traps insect larvae.
56. The apparatus of claim 55, further comprising:
liquid filling the container to a point at least above the opening defined by the directing member to at least partially fill the chamber.
57. The apparatus of claim 55, wherein the bottom of the container is substantially flat relative to horizontal when the container is upright.
58. The apparatus of claim 55, further comprising:
a barrier contacting the directing member and the sidewall and that is intermediate to the opening of the directing member and the top of the container.

59. An apparatus for killing insects, comprising:
- a container having a sidewall and a bottom;
 - a directing member defining an opening that is proximate to the bottom of the container;
 - liquid filling at least a portion of the container so that an insect may lay an egg in the liquid; and
 - means for directing larva that matures from the egg from the opening of the funnel toward the sidewall of the container.